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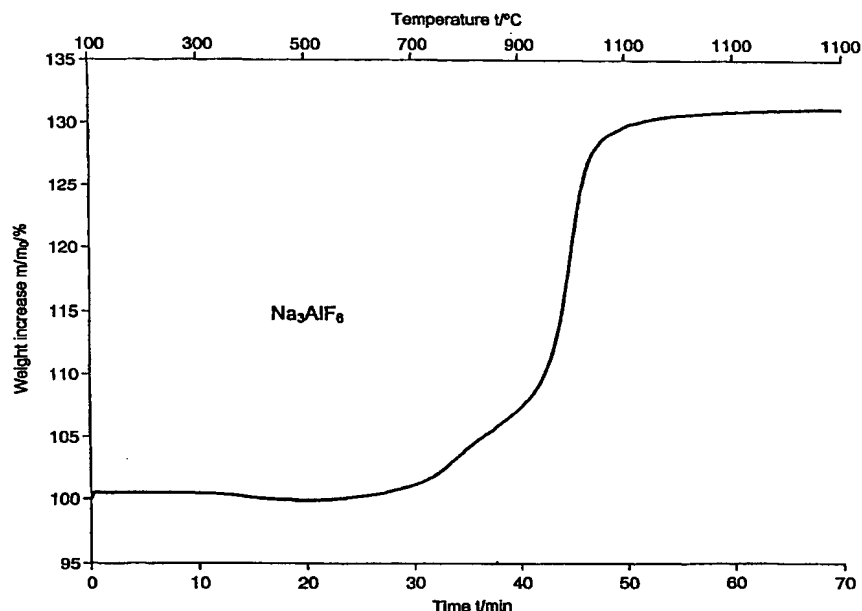
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(54) Title: METHOD OF IMPROVING THE BURN RATE AND IGNITABILITY OF ALUMINIUM FUEL PARTICLES AND ALUMINIUM FUEL SO MODIFIED



(57) Abstract: A method of improving the burn rate and ignitability of aluminium fuel particles, and a thus modified aluminium fuel for use in propellant and explosive compositions and pyrotechnic charges. Aluminium fuel particles are treated with an aqueous solution of hydrofluoric acid and a fluoride and/or complex fluoride salt of an alkali metal and/or alkaline earth metal to form a surface layer of a fluoride complex bound to the aluminium fuel particle.